



ID 23-2017-061 **PIN #** 128836.00 **Length in Miles** 0.00 **Lead Agency** City of Knoxville

County:
Knox

Route - **Total Project Cost** \$2,967,000.00

Project Name:
Traffic Signal Improvements for the U.T. Area

Termini
A total of 39 signals will be upgraded along Cumberland Ave, Neyland Dr, 17th St/Ailor, Western Ave and Joe Johnson Dr. Signal improvements along Henley St will connect two ongoing projects between Broadway and Chapman Highway.

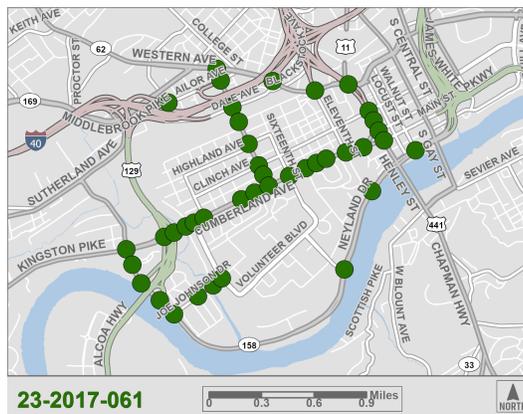
Project Description
2018 CMAQ Award: This project will provide signal equipment upgrades at a total of 39 signals along Cumberland Avenue, Neyland Drive, 17th Street, Western Ave, and Joe Johnson Drive. Signal improvements along Henley Street will connect two ongoing projects between Broadway and Chapman Highway. Addition of following elements: an ATMS data server, DSRC capable ATC controllers, high speed wireless network, and radio equipment. This proposal will increase ATMS capabilities and decrease traffic delay by being better able to sense traffic flow and provide SPaT and related data sharing features.

Long Range Plan # 19-603 **Conformity Status** Exempt

FY	Phase	Fund Code	Total Funds	Federal Funds	State Funds	Local Funds
2023	PE-N	CMAQ	\$65,000	\$65,000	\$0	\$0
2024	PE-D	CMAQ	\$164,910	\$164,910	\$0	\$0
2026	CONST	CMAQ	\$2,564,360	\$2,564,360	\$0	\$0
Total			\$2,794,270	\$2,794,270	\$0	\$0

Comments:

\$172,730 federal CMAQ previously obligated
Modification #74: Modify project to reflect previously approved shift of CN funds to PE-N phase and correct the construction cost amount. PE-N is programmed in FY 2023 at a cost of \$65,000 CMAQ (\$65,000 federal/\$0 local). The CN phase programmed in FY 2026 is reduced to a corrected \$2,564,360 CMAQ (\$2,564,360 federal/\$0 local). \$63,000 CMAQ (\$63,000 federal) is removed from the project and TIP with this update. The total project cost remains \$2,967,000.





ID 23-2017-061 **PIN #** 128836.00 **Length in Miles** 0.00 **Lead Agency** City of Knoxville

County:

Knox

Route

-

Total Project Cost

\$5,587,911.00

Project Name:

Traffic Signal Improvements for the U.T. Area

Termini

A total of 39 signals will be upgraded along Cumberland Ave, Neyland Dr, 17th St/Ailor, Western Ave and Joe Johnson Dr. Signal improvements along Henley St will connect two ongoing projects between Broadway and Chapman Highway.

Project Description

2018 CMAQ Award: This project will provide signal equipment upgrades at a total of 39 signals along Cumberland Avenue, Neyland Drive, 17th Street, Western Ave, and Joe Johnson Drive. Signal improvements along Henley Street will connect two ongoing projects between Broadway and Chapman Highway. Addition of following elements: an ATMS data server, DSRC capable ATC controllers, high speed wireless network, and radio equipment. This proposal will increase ATMS capabilities and decrease traffic delay by being better able to sense traffic flow and provide SPaT and related data sharing features.

Long Range Plan #

19-603

Conformity Status

Exempt

FY	Phase	Fund Code	Total Funds	Federal Funds	State Funds	Local Funds
2024	PE-N	CMAQ	\$65,000	\$65,000	\$0	\$0
2024	PE-D	CMAQ	\$164,910	\$164,910	\$0	\$0
2025	ROW	CMAQ	\$425,000	\$425,000	\$0	\$0
2026	CONST	CMAQ	\$2,195,911	\$2,195,911	\$0	\$0
2026	CONST	CMAQ	\$2,564,360	\$2,564,360	\$0	\$0
Total			\$5,415,181	\$5,415,181	\$0	\$0

Comments:

\$172,730 federal CMAQ previously obligated

Amendment #199: Amend project to revise the project schedule, increase ROW and construction costs and increase the total project cost. PE-N is revised to FY 2024 programming to reflect the most recent obligation year (\$65,000 federal CMAQ). ROW is programmed in FY 2025 at a cost of \$425,000 (\$425,000 federal CMAQ PM2.5). Construction costs in FY 2026 are increased to \$4,760,271 CMAQ (\$2,195,911 CMAQ PM2.5/\$2,564,360 statewide CMAQ). The additional CMAQ is new CMAQ PM2.5 funding and in addition to the original CMAQ award. Total programmed CMAQ split is \$2,794,270 statewide CMAQ/\$2,620,911 CMAQ PM2.5. This amendment adds \$2,620,911 (+\$2,620,911 federal CMAQ PM2.5) to the project and the TIP. The total project cost is increased to \$5,587,911. Note: The added CMAQ PM2.5 funds were approved as a cost overrun by the TPO Technical Committee on 2/11/25.





eSTIP Fiscal Constraints Report for STIP Period 2023
Knoxville MPO

AMENDED

Fund Code	Fiscal Year	Budget Total	Programmed Funds	Federal Funding	State Funding	Local Funding	Federal Carryover	Remaining Balance
CMAQ	2023	\$9,400,000	\$9,400,000	\$7,520,000	\$0	\$1,880,000	\$0	\$0
CMAQ	2024	\$17,903,750	\$17,903,750	\$15,951,697	\$0	\$1,952,053	\$0	\$0
CMAQ	2025	\$12,536,236	\$12,536,236	\$12,536,236	\$0	\$72,340	\$0	\$0
CMAQ	2026	\$4,760,271	\$4,760,271	\$4,760,271	\$0	\$0	\$0	\$0

Note: Fiscal constraint report update 3/03/25 and reflects:

FY 2023 CMAQ: -\$65,000(Federal: -\$65,000)

FY 2024 CMAQ: +\$65,000 (Federal: +\$65,000)

FY 2025 CMAQ: +\$425,000 (Federal: +\$425,000)

FY 2026 CMAQ: +\$2,195,911 (Federal: +\$2,195,911)



KNOXVILLE REGIONAL

TRANSPORTATION IMPROVEMENT PROGRAM Transportation Conformity Summary Report

Project Amendment:

On March 26, 2025, the Knoxville Regional TPO Executive Board voted to approve the following amendments to the Knoxville Regional FY 2023 – 2026 Transportation Improvement Program (TIP).

TIP #	LRTP #	Project Name	Conformity Status
23-2017-061	19-603	Traffic Signal Improvements for the U.T. Area	Exempt

Air Quality Conformity Status:

This amendment does not trigger the need for a conformity determination because the projects/actions have been determined to be Exempt from the need to demonstrate conformity as per 40 CFR 93.126 or are Exempt from regional emissions analyses as per 40 CFR 93.127.

Metropolitan Transportation Planning Process Certification:

The Knoxville TPO Planning Process certification is included and certifies that every four years the transportation planning process addresses the major issues in the metropolitan planning area and is conducted in accordance with all applicable requirements.

Resolution:

The adopting resolution for this project and air quality conformity determination is included.

Public Participation:

Public participation processes were in accordance with the Knoxville TPO's federally approved Public Participation Plan. Two public hearings were held on March 11, 2025 at the TPO Technical Committee Meeting, followed by March 26, 2025 at the TPO Executive Board meeting. No public comments were received.

Interagency Consultation:

The Knoxville Air Quality Interagency Consultation (IAC) group was consulted on March 11, 2025 regarding the conformity exempt status of the amendments. There was agreement from the group regarding the Knoxville TPO staff's exempt assessment of the project based on IAC correspondence. The required 14-day IAC review period was from March 11, 2025 to March 25, 2025. IAC email correspondence regarding the amendments is included.



U.S. Department
of Transportation

January 6, 2023

**Federal Highway Administration
Tennessee Division**

404 BNA Drive, Suite 508
Nashville, Tennessee 37217
Phone (615) 781-5770

**Federal Transit Administration
Region IV**

230 Peachtree St. N.W., Suite 1400
Atlanta, Georgia 30303
Phone (404) 865-5600

Mr. Matt Meservy
Director, Long Range Planning Division
Tennessee Department of Transportation
Nashville, TN 37243

In Reply Refer To:
HDA-TN

Subject: Air Quality Conformity Determination for Knoxville, Tennessee

Dear Mr. Meservy:

The Federal Highway Administration (FHWA) Tennessee Division and Federal Transit Administration (FTA) Region IV Office, in coordination with the Environmental Protection Agency (EPA) Region IV Office, have reviewed the Air Quality Conformity Determination adopted by the Knoxville Regional Transportation Planning Organization (KRTPO) Executive Board on October 26, 2022 and the Lakeway Area Metropolitan Transportation Planning Organization (LAMTPO) Executive Board on November 9, 2022.

The Air Quality Conformity Determination covers the Knoxville, Tennessee maintenance area for the 1997 and 2008 8-hour ozone and the 2006 Daily PM_{2.5} National Ambient Air Quality Standards (NAAQS) and addresses the planned transportation improvements from the KRTPO's amended 2045 Metropolitan Transportation Plan (MTP), the new FY 2023–2026 Transportation Improvement Programs (TIPs) for the Knoxville Regional TPO and Lakeway MTPO planning areas, and the portions of the State of Tennessee's Statewide TIP in the Knoxville, Tennessee maintenance area.

Based on our review, we find the documents conform to the ozone and PM_{2.5} NAAQS for Knoxville, Tennessee.

If you have any questions regarding this determination, please contact Zack Coleman, Transportation Planning Specialist, FHWA Tennessee Division at (615) 781-5777 or Andres Ramirez, General Engineer, FTA Region IV at (404) 865-5611.

Sincerely,

**YVETTE G
TAYLOR** Digitally signed by
YVETTE G TAYLOR
Date: 2022.12.29
08:07:50 -05'00'

**PAMELA M
KORDENBROCK** Digitally signed by PAMELA
M KORDENBROCK
Date: 2023.01.04 09:33:45
-06'00'

Dr. Yvette G. Taylor
Regional Administrator
FTA Region IV

Pamela M. Kordenbrock
Division Administrator
FHWA TN Division

cc: Mayor Terry Frank, Executive Board Chair, Knoxville Regional TPO
Mayor Mark Potts, Executive Board Chair, Lakeway MTPO
Mr. Gilberto DeLeon, Deputy Division Administrator, FHWA TN Division
Mr. Sean Santalla, Program Development Team Leader, FHWA TN Division
Mr. Andres Ramirez, General Engineer, FTA Region IV
Mr. Josue Ortiz, Environmental Scientist, EPA Region IV
Ms. Dianna Myers, Environmental Scientist, EPA Region IV
Mr. Stacy Morrison, OCT Planning Manager, TDOT
Mr. Troy Ebbert, OCT Region 1 Planning Supervisor, TDOT
Mr. Jeff Welch, Director, Knoxville Regional TPO
Mr. Mike Conger, Senior Transportation Engineer, Knoxville Regional TPO
Mr. Craig Luebke, Transportation Planner, Knoxville Regional TPO
Mr. Rich DesGroseilliers, MTPO Coordinator, Lakeway MTPO
Mr. Marc Corrigan, Environmental Consultant, TDEC

**A RESOLUTION BY THE EXECUTIVE BOARD
OF THE KNOXVILLE REGIONAL
TRANSPORTATION PLANNING ORGANIZATION (TPO)
AMENDING THE FY 2023-2026 TRANSPORTATION IMPROVEMENT PROGRAM**

WHEREAS, the FY 2023-2026 Knoxville Regional Transportation Improvement Program was adopted on October 26, 2022; and

WHEREAS, in accordance with requirements of the U.S. Department of Transportation, the elements of the transportation planning process are to receive final approval from the Executive Board of the local Metropolitan Planning Organization; and

WHEREAS, the Transportation Improvement Program must be updated as needed; and

WHEREAS, the proposed project amendments were reviewed with the Knoxville-Area Air Quality Interagency Consultation Group with respect to air quality conformity requirements and are either exempt from, or were demonstrated to conform with the federal transportation air quality conformity regulations from the Clean Air Act; and

WHEREAS, a short conformity determination report was prepared for the air quality non-exempt project amendments which concluded that air quality conformity was demonstrated by relying on a previous regional emissions analysis; and

WHEREAS, the Knoxville Regional Transportation Planning Organization Technical Committee recommends approval of the Resolution, and

NOW, THEREFORE, BE IT RESOLVED BY THE KNOXVILLE REGIONAL TRANSPORTATION PLANNING ORGANIZATION EXECUTIVE BOARD;

That the FY 2023-2026 Transportation Improvement Program be amended to include the following changes and that the Tennessee Department of Transportation include these amendments into the State Transportation Improvement Program:

Attachment #4A: Amendment 23-2017-061 Traffic Signal Improvements for the U.T. Area - Amend project to revise the project schedule, increase ROW and construction costs and increase the total project cost. PE-N is revised to FY 2024 programming to reflect the most recent obligation year (\$65,000 federal CMAQ). ROW is programmed in FY 2025 at a cost of \$425,000 (\$425,000 federal CMAQ). Construction costs in FY 2026 are increased to \$4,760,271 CMAQ (increase of \$2,195,911). The additional CMAQ is new CMAQ PM2.5 funding and in addition to the original CMAQ award. This amendment adds \$2,620,911 (+\$2,620,911 federal CMAQ PM2.5) to the project and the TIP. The total project cost is increased to \$5,587,911. Note: The added CMAQ PM2.5 funds were approved as a cost overrun by the TPO Technical Committee on 2/11/25.

March 26, 2025

Date



Mayor Glenn Jacobs
Knox County
TPO Executive Board Chair



Doug Burton
Coordinator
Knoxville Regional TPO

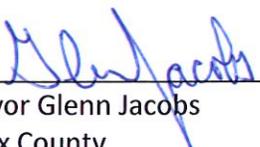
METROPOLITAN TRANSPORTATION PLANNING PROCESS CERTIFICATION

In accordance with 23 CFR 450.336, the Knoxville Regional Transportation Planning Organization and the Tennessee Department of Transportation hereby certify that the metropolitan transportation planning process is addressing major issues facing the Knoxville, TN urbanized area, and is being carried out in accordance with the following requirements:

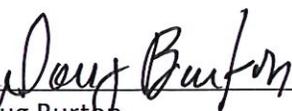
- I. 23 U.S.C. 134 and 135, 49 U.S.C. 5303 and 5304 (Highways and Transit).
- II. Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C. 2000 d-1) and 49 CFR part 21.
- III. 49 U.S.C. 5332, prohibiting discrimination on the basis of race, color, creed, national origin, sex, or age in employment or business opportunity.
- IV. 49 CFR part 26 regarding the involvement of disadvantaged business enterprises in USDOT-funded projects.
- V. 23 CFR part 230, regarding the implementation of an equal employment opportunity program on Federal and Federal-aid highway construction contracts.
- VI. Provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et seq) and 49 CFR parts 27, 37, and 38.
- VII. In nonattainment and maintenance areas, sections 174 and 176 (c) and (d) of the Clean Air Act, as amended, 42 U.S.C. 7504, 7506 (c) and (d), and 40 CFR part 93.
- VIII. The Older Americans Act, as amended (42 U.S.C. 6101), prohibiting discrimination on the basis of age in programs or activities receiving Federal financial assistance.
- IX. Section 324 of Title 23 U.S.C. regarding the prohibition of discrimination based on gender.
- X. Section 504 of the Rehabilitation Act of 1973 (29 U.S.C. 794) and 49 CFR part 27 regarding discrimination against individuals with disabilities.

March 26, 2025

Date



Mayor Glenn Jacobs
Knox County
Knoxville Regional TPO Executive Board Chair



Doug Burton
Coordinator
Knoxville Regional TPO